

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	16	("3327776"   "3542124"   "4282927"   "4535386"   "4765397"   "4884168"   "5653285"   "5835345"   "5983997"   "5984000"   "6169658"   "6244332"   "6273183").PN. OR ("6648062").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/09 06:58
L5	77025	turbulator turbulence turbulent and (triang\$4 pyramid\$3)	US-PGPUB; USPAT	OR	ON	2007/11/09 07:03
L6	11589	(turbulator turbulence turbulent) and (triang\$4 pyramid\$3)	US-PGPUB; USPAT	OR	ON	2007/11/09 07:03
L8	91695	(361/687-723).CCLS. or ("165").CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/09 07:03
L9	603	6 and 8	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/09 07:03
L10	42	("2488615"   "3628885"   "4180373"   "4236870"   "4278400"   "4416585"   "4443389"   "4470452"   "4474532"   "4514144"   "4515526"   "4534409"   "4537647"   "4577681"   "4627480"   "4668443"   "4727907"   "4872578"   "4997036"   "5052889"   "5070937"   "5156362").PN. OR ("5361828").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/09 07:12
L12	1	(10/260064).APP.	USPAT; USOCR	OR	ON	2007/11/09 07:22
L13	52	("20010040027"   "20020029876"   "20020043361"   "20020162673"   "20030036806"   "3776305"   "4093024"   "4392153"   "4635709"   "4646202"   "4652970"   "4727454"   "4727455"   "4884168"   "4894709"   "4998181"   "5199487"   "5271455"   "5365424"   "5579217"   "5623399"   "5631821"   "5636684"   "5719444"   "5804761"   "5814909"   "5828554"   "5901037"   "5915463"   "5925929"   "5930135"   "5966291"   "5978220"   "6002580"   "6031751"   "6137169"   "6166937"   "6196299"   "6219245"   "6236566"   "6326761"   "6327165"   "6340851"   "6367543"   "6414867"   "6442023"   "6529394"   "6563709"   "6580609"   "6618278"   "6729383").PN. OR ("7068507").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/09 07:29

## EAST Search History

L14	2	09/916322	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/09 07:29
L15	1	("7068507").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/09 07:51
L16	1	("6648062").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/09 08:39
L17	1809	((361/699-703) or (29/890.03) or (165/80.4,104.26,104.33,153) or (174/252)).CCLS.	US-PGPUB	OR	OFF	2007/11/09 08:44
L18	5660	((361/699-703) or (29/890.03) or (165/80.4,104.26,104.33,153) or (174/252)).CCLS.	USPAT	OR	OFF	2007/11/09 08:43
S2	1	10/576883 and lamination	US-PGPUB; USPAT	OR	ON	2007/11/08 10:29
S3	669994	(weld\$3 braz\$3 solder\$3)	US-PGPUB; USPAT	OR	ON	2007/11/08 10:31
S4	5625	((361/698-703) or (165/80.4-80.5, 104.33)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/08 10:30
S5	2128	S3 and S4	US-PGPUB; USPAT	OR	ON	2007/11/08 10:30
S6	167005	(weld\$3 braz\$3 solder\$3) and aluminum	US-PGPUB; USPAT	OR	ON	2007/11/08 10:31
S7	1354	S6 and S4	US-PGPUB; USPAT	OR	ON	2007/11/08 10:31
S8	0	("2007/0163765").URPN.	USPAT	OR	ON	2007/11/08 10:33
S9	1	(10/047871).APP.	USPAT; USOCR	OR	ON	2007/11/08 10:49
S10	42	("20030010050"   "3361195"   "4151548"   "4392362"   "4498118"   "4561040"   "4612978"   "4685512"   "4866570"   "4940085"   "4941530"   "5067047"   "5088005"   "5099311"   "5099910"   "5159529"   "5169372"   "5179500"   "5183104"   "5218515"   "5220809"   "5285347"   "5316075"   "5365749"   "5394936"   "5509468"   "5544696"   "5587880"   "5696405"   "5769154"   "5823005"   "5870823"   "6039114").PN. OR ("6679315").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/08 10:49
S11	1	(10/306545).APP.	USPAT; USOCR	OR	ON	2007/11/08 10:51

## EAST Search History

S12	11	("20020124997"   "3417814"   "3512582"   "4009417"   "4704658"   "4949164"   "5099908"   "6139361"). PN. OR ("6662859").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/08 10:52
S13	15	("4962444"   "5179500"   "5504378"   "5562156"   "5576932"   "5666269"   "5697428"   "5937936"   "6257320"   "6269866"   "6296048"   "6388317"). PN. OR ("6661658").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/08 11:07
S14	1084	(heat adj exchanger) same aluminum near5 braz\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/08 11:08
S15	91695	(361/687-723).CCLS. or ("165").CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/08 11:08
S16	512	S14 and S15	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/08 11:08
S17	1	(10/374136).APP.	USPAT; USOCR	OR	ON	2007/11/08 11:10
S18	90	("1049695"   "1318875"   "1775819"   "1996622"   "20030164233"   "20040069474"   "20040238162"   "20050115700"   "20050115701"   "2039593"   "2154216"   "2547668"   "2582358"   "2796239"   "2814470"   "2981520"   "2985434"   "3024003"   "3141500"   "3147800"   "3650310"   "3800868"   "3818984"   "4002200"   "4072188"   "4085728"   "4134195"   "4361184"   "4478277"   "4574876"   "4615129"   "4646815"   "4932469"   "5009557"   "5028989"   "5099311"   "5129473"   "5152255"   "5152339"   "5159529"   "5174258"   "5205348"   "5228511"   "5232066"   "5251718"   "5273386"   "5285347"   "5316077"   "5381510"   "5423376"   "5490559"   "5495889"   "5517757"   "5586614"   "5787613"   "5829517"   "5884588"   "5901037"   "5918664"   "5934364"   "5957230"   "5979542"   "5984000"   "5992552"   "6098706"   "6109217"   "6227290"   "6241011"   "6293338"   "6305463"   "6340053"   "6438840"   "6536516"   "6729389"   "9843512"). PN. OR ("7011142").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/08 11:10

## EAST Search History

S19	14	("3776305"   "3874183"   "3965971"   "4559995"   "4893390"   "5671802"   "5685361"   "6216677"   "6396692"   "6662859"   "6666263").PN. OR ("6745823").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/08 11:56
S20	445	dip near4 braz\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/08 11:57
S21	357	dip near4 braz\$3 and (cool\$3 heat\$3 thermal\$2)	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/08 11:57
S22	1	10/576883	US-PGPUB; USPAT	OR	ON	2007/11/08 18:35
S23	102325	turbulator turbulence turbulent	US-PGPUB; USPAT	OR	ON	2007/11/09 07:02
S24	5625	((361/698-703) or (165/80.4-80.5, 104.33)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/08 18:37
S25	431	S23 and S24	US-PGPUB; USPAT	OR	ON	2007/11/08 18:37
S26	0	(11/443477).APP.	USPAT; USOCR	OR	ON	2007/11/08 18:41
S27	1	(09/916322).APP.	USPAT; USOCR	OR	ON	2007/11/08 18:44